

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional) UCT-0048	Application Number 10/618,262
Applicant(s) <b>Gregory Allen Sotzing</b>	
Filing Date 7/11/2003	Group Art Unit 1753

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AS</i>		US 2004/0010115	1/15/2004	Sotzing	528	337	7/11/2002

**FOREIGN PATENT DOCUMENTS**

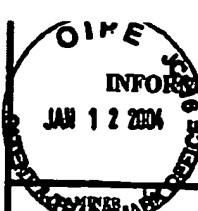
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>AS</i>	CA 2343444	3/23/2000	Canada	—	—		

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>AS</i>	Lee et al., "Synthesis and Characterization of a Soluble and Transparent Conducting Polymer, Poly(3,4-Ethylenedioxythiophene), Mol. Cryst. 1999, Vol. 327. pp. 237-240 no month.

EXAMINER	<i>Edmund Wing</i>	DATE CONSIDERED	<i>11/4/05</i>
----------	--------------------	-----------------	----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

JAN 12 2004

Docket Number (Optional) UCT-0048	Application Number 10/618,262
Applicant(s) Sotzing, G. A.	
Filing Date 07/11/2003	Group Art Unit 1626

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
12	A. Bongini, et al., "New n-Dopable Thiophene Based Polymers", Synthetic Metals 101 (1999) pgs. 13-14	*
13	J. Elda, et al., "New Low Band Gap Polymers: Control of Optical and Electronic Properties in near Infrared Absorbing Pi-Conjugated Polysquaraines", Chemistry Materials, 2002, 14, pgs 410-418	*
14	XIAOMIN GU, "Part I: Syntheses and Characterization of Poly (2-Decylthieno[3,4-b]Thiophene), A Low Bandgap Conducting Polymer Part II: Formation and Trapping of Methoxy (Methoxy-Carbonyl) Ketene" Dissertation, December, 1995, 182 pages, The University of Texas at Arlington	
15	B. Lee, et al., "Aqueous Phase Polymerization of Thieno[3,4-b] Thiophene", Polymer Preprints 2002, 43(2) pgs 568-569	*
16	K. Lee, et al., "Poly(thieno[3,4-b]thiophene). A New Stable Low Band Gap Conducting Polymer", Macromolecules 2001, 34, pgs 5746-5747	*
17	K. Lee, et al., "Thieno[3,4-b]thiophene as a Novel Low Oxidation Crosslinking Agent", Polymeric Materials: Science and Engineering 2002, 86, pg 195	*
18	K. Lee, et al., "Toward the Use of Poly(Thieno[3,4-b] Thiophene) in Optoelectronic Devices", Polymer Preprints 2002, 43(2), pgs 610-611	*
19	D. C. Loveday, et al., "Synthesis and Characterization of p- and n- Dopable Polymers. Electrochromic Properties of Poly 3-(p-trimethylammoniumphenyl)bithiophene", Synthetic Metals 84 (1997) pgs 245-246	*
20	H. Meng, et al., "A Robust Low Band Gap Processable n-Type Conducting Polymer Based on Poly(isothianaphthene)", Macromolecules 2001, 34, pgs 1810-1816	*
21	C.J. Neef, et al., "Synthesis and Electronic Properties of Poly(2-phenylthieno[3,4-b]thiophene): A New Low Band Gap Polymer", Chemistry Materials 1999, 11, pgs 1957-1958	*
22	M. Pomerantz, et al., "Poly(2-decythieno[3,4-b]thiophene-4,6-diy). A New Low Band Gap Conducting Polymer", Macromolecules 2001, 34, pgs 1817-1822	*
23	V. Seshadri, et al., "Ion Transport Behavior of Polymers and Copolymers Containing Thieno[3,4-b]Thiophene", Polymer Preprints 2002, 43(2), pgs 584-585	*

EXAMINER <i>Schro. Wng</i>	DATE CONSIDERED <i>7/26/05</i>
-------------------------------	-----------------------------------

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JAN 1 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		JAN 12 2004	Docket Number (Optional) UCT-0048	Application Number 10/618,262
			Applicant(s) S tzing, G. A.	
		Filing Date 07/11/2003	Group Art Unit 1626	
INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
24	G. A. Sotzing, et al., "Intrinsically Conducting Polymers and Green Chemistry", Polymer Preprints 2003, 43(2), pgs 904-905 *			
25	G. A. Sotzing, et al., "Poly(thieno[3,4-b]thiophene) as a Low Band Gap Conducting Polymer and Electrochromic Material", Polymeric Materials: Science & Engineering 2001, 85, pgs 604-605 *			
26	G. A. Sotzing, et al., "Preparation and Characterization of Fully Conjugated Intrinsically Conducting Polymer Networks", Polymeric Materials: Science and Engineering 2002, 86, pgs 40-41 *			
27	K. Lee, et al., "Synthesis of poly(thieno[3,4-b]thiophene) and its electrochemical characterizations", Polymer Preprints 2001, 42(2), pgs 413-414 *			
28	H. Wynberg, et al., "Thieno[3,4-b]Thiophene. The Third Thiophthene", Pergamon Press Ltd, 1967, Tetrahedron Letters No. 9, pgs 761-764 *			
29	M. Pomerantz, et al., "Poly(2-decythieno[3,4-b]thiophene). A New Soluble Low-Bandgap Conducting Polymer", Synthetic Metals 84 (1997), pgs 243-244 *			
30	C. J. Neef, et al., "Synthesis and Electronic Properties of Poly(2-Phenylthieno[3,4-b]Thiophene)", Polymer Preprints 1998, 39(1), pgs 147-148 *			
EXAMINER <i>SomWing</i>		DATE CONSIDERED <i>7/28/05</i>		

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.